AMENDMENTS TO THE SPECIFICATION

Page 1, paragraph [0001], replace with the following paragraph:

--This application claims the benefit of U.S. Provisional Application No. 60/422,515 filed October 31, 2002, the entire contents of which is incorporated herein by reference.--

Page 3, paragraph [0008], replace with the following paragraph:

--The sampling system comprises a sampling device for obtaining a sample from a difficult-to-access sampling location, such as below ground or underwater, for detecting an analyte of interest. In one aspect, the sampling device comprises a chamber having a least one wall of the chamber defined by a semipermeable membrane. The membrane is permeable to the analyte of interest. A set of transfer channels communicates with the chamber and is used to transport the sample from the chamber to an accessible sample collection site. In one embodiment, the sample device comprises a first channel communicating with the chamber and a second channel communicating with the first channel through the chamber. The first and second channels are used to transport a carrier fluid containing the sample to be analyzed from the sampling location to the sample collection site without removal of the chamber. In one embodiment, the semipermeable membrane is in the form of a tube, where the inner space of the tube comprises the chamber. Exemplary semipermeable membranes of this type include silicone and TEFLON tubing.—

Page 22, paragraph [0071], replace with the following paragraph:

--Once the probe has been pushed to the desired depth, the push rod or shell **7** can be retracted, leaving the expendable tip **8** in place and exposing the sampling device **10** with the transfer channels running to the surface (see FIG. 3). Sand **12** or a similar largely inert, granular or porous substance may be placed around the sampling device **10**, which is protected from damage by a stainless steel cage **30** (see FIG. 3). The sand and protective cage hold the sampling device **10** in place while allowing flow of groundwater around the device. The rest of the installation hole will be either grouted or filled with bentonite **14** or other appropriate sealants,

depending on site requirements, to effectively seal the hole to prevent surface contamination from running down into the groundwater **6** and thereby producing erroneous measurements.--